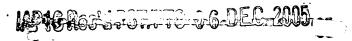
Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 020358 394P2 US

U.S. APPLICA **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** PRIORITY DATE CLAIMED 09-Jun-2003 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 8-Jun-2005 PCT/US 04/018103 TITLE OF INVENTION SELF-ALIGNING AND ACTIVELY COMPENSATING REFINER STATOR PLATE APPLICANT(S) FOR DO/EO/US Christopher L. Demler and John J. Egan III Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12 13. X A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3



PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLYCAT	U.S. APPLICATION No. (illumin), see 33 (Ga): 1.5) INTERNATIONAL APPLICATION N PCT/US 04/018103			ATTORNEY'S DOCKET NUMBER 020358 394P2 US					
20. Other items or information:									
	(7) Sheets Drawings								
Certificate of Express Mail									
The follo	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY			
	•			\$300	\$ 300				
22. X Examination fee (37 CFR 1.492(c))					_				
by IPEA/I	ion prepared by IS US indicates all cl	\$ 200							
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 100				
	TOTAL OF 21, 22								
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE		:			
- 100 =	/50 =		·	x \$250	\$	·			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$				
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$				
Total claims		21 - 20 =	1	x \$50	\$ 50				
Independent claims 4			1	x \$200	\$ 200				
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$				
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					\$				
SUBTOTAL =					\$ 850				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest					\$	<u> </u>			
claimed priority date (37 CFR 1.492(i)). + TOTAL NATIONAL FEE =					\$ 850				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$				
TOTAL FEES ENCLOSED =					\$ 850				
					Amount to be refunded:	\$			
					Amount to be charged	\$			

Under the Paperwork Reduction Act of 1995, no persons are required to respon	4.0 155973 Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it displays a valid OMB control number.							
A	PIGHECUPULATION 6 DEC 2005							
a. X A check in the amount of \$ 850 to cover the about	ove fees is enclosed.							
b. Please charge my Deposit Account No in the amount of A duplicate copy of this sheet is enclosed.	\$ to cover the above fees.							
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2431 A duplicate copy of this sheet is enclosed.								
Fees are to be charged to a credit card. WARNING : Information on this form may become public. Credit card information should not be included on this form . Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been me and granted to restore the International Application to pending status.	et, a petition to revive (37 CFR 1.137(a) or (b)) must be filed							
SEND ALL CORRESPONDENCE TO:	Pruce appeared -							
Wegman, Hessler & Vanderburg	SIGNATURE							
Suite 200	Bruce E. Peacock							
6055 Rockside Woods Boulevard Independence, Ohio 44131	NAME							
independence, Onio 44 101	28,457							
	REGISTRATION NUMBER							
<u> </u>								

IAPA POS' DECT/PTO 06 DEC 2005

			* * * * O D L O ZUU.					
CERTIFICATE OF MAIL	Docket No.							
Applicant(s): Christophe	020358 394P2 US							
Serial No. 015597 39	Filing Date December 6, 2005	Examiner	Group Art Unit					
Invention: SELF-ALIGNING AND ACTIVELY COMPENSATING REFINER STATOR PLATE								
1								
I hereby certify that this U.S. National Phase Patent Application Filed under 25 USC 371 (Identify type of correspondence)								
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service								
Under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 6, 2005 (Date)								
Barbara Ann Sachs (Typed on Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence)								
·		EQ 177083273 US Mailing Label Number)						

Note: Each paper must have its own certificate of mailing.